LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017593.D
Acq On : 09 Nov 2018 16:11
Operator : MJ/SJ
Sample : J5860-27
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-106(8.5-10.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.798	304	308	319	rBV	251645	369093	1.94%	0.344%
2	5.246	377	384	402	rBV	6025948	8666288	45.61%	8.078%
3	6.810	642	650	672	rBV	5948607	10261530	54.00%	9.565%
4	7.157	701	709	721	rBV	6046997	9642391	50.74%	8.988%
5	7.616	781	787	795	rVB	923243	1456124	7.66%	1.357%
6	7.934	834	841	853	rBV	4270391	6784514	35.70%	6.324%
7	8.775	976	984	1003	rBV	3556070	5916754	31.14%	5.515%
8	10.392	1251	1259	1275	rBV	1075776	1990719	10.48%	1.856%
9	12.880	1674	1682	1698	rBV	8785651	13141299	69.16%	12.249%
10	13.733	1820	1827	1841	rBV	1009264	1653605	8.70%	1.541%
11	14.263	1911	1917	1933	rBV2	1704065	2672579	14.06%	2.491%
12	15.762	2165	2172	2189	rBV	7819416	11178500	58.83%	10.419%
13	17.021	2379	2386	2399	rBV2	2057670	3249906	17.10%	3.029%
14	17.927	2534	2540	2550	rBV	724185	1020481	5.37%	0.951%
15	19.215	2754	2759	2772	rBV	313245	508655	2.68%	0.474%
16	19.662	2828	2835	2843	rBV	15074329	19001729	100.00%	17.711%
17	20.939	3048	3052	3062	rBV	498875	711396	3.74%	0.663%
18	21.215	3094	3099	3115	rBV	2922039	4076273	21.45%	3.799%
19	21.380	3123	3127	3131	rBV	214635	255371	1.34%	0.238%
20	21.803	3196	3199	3204	rBV	213125	254824	1.34%	0.238%
21	22.256	3273	3276	3281	rBV	260106	315708	1.66%	0.294%
22	22.750	3357	3360	3366	rVB2	206411	271417	1.43%	0.253%
23	23.303	3451	3454	3462	rVB4	187157	274840	1.45%	0.256%
24	23.409	3466	3472	3489	rVB2	1791541	3612486	19.01%	3.367%

Sum of corrected areas: 107286482

LSC Report - Integrated Chromatogram

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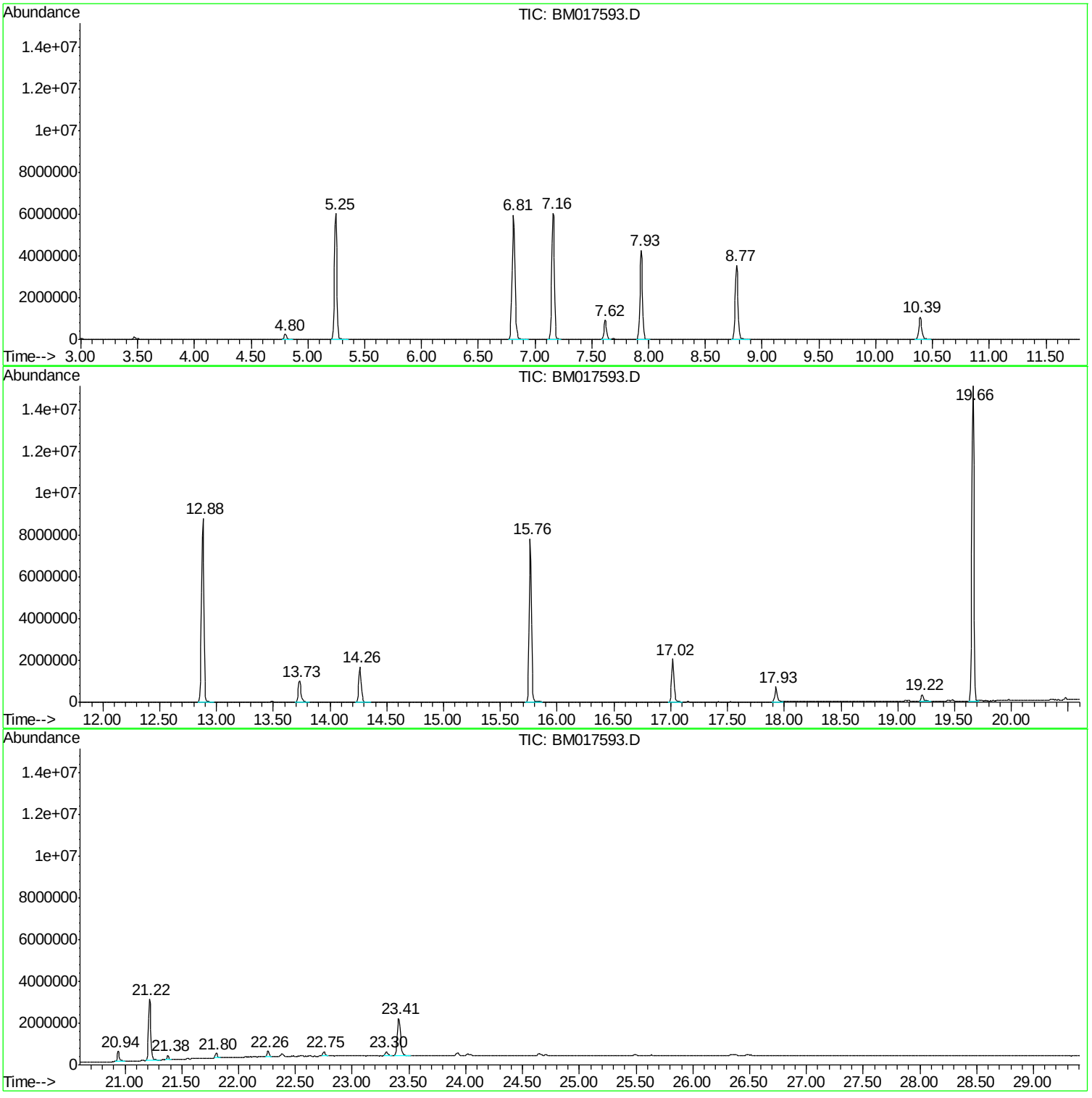
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EP2-SB-106(8.5-10.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BM017593.D
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Operator : MJ/SJ
Sample : J5860-27
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-106(8.5-10.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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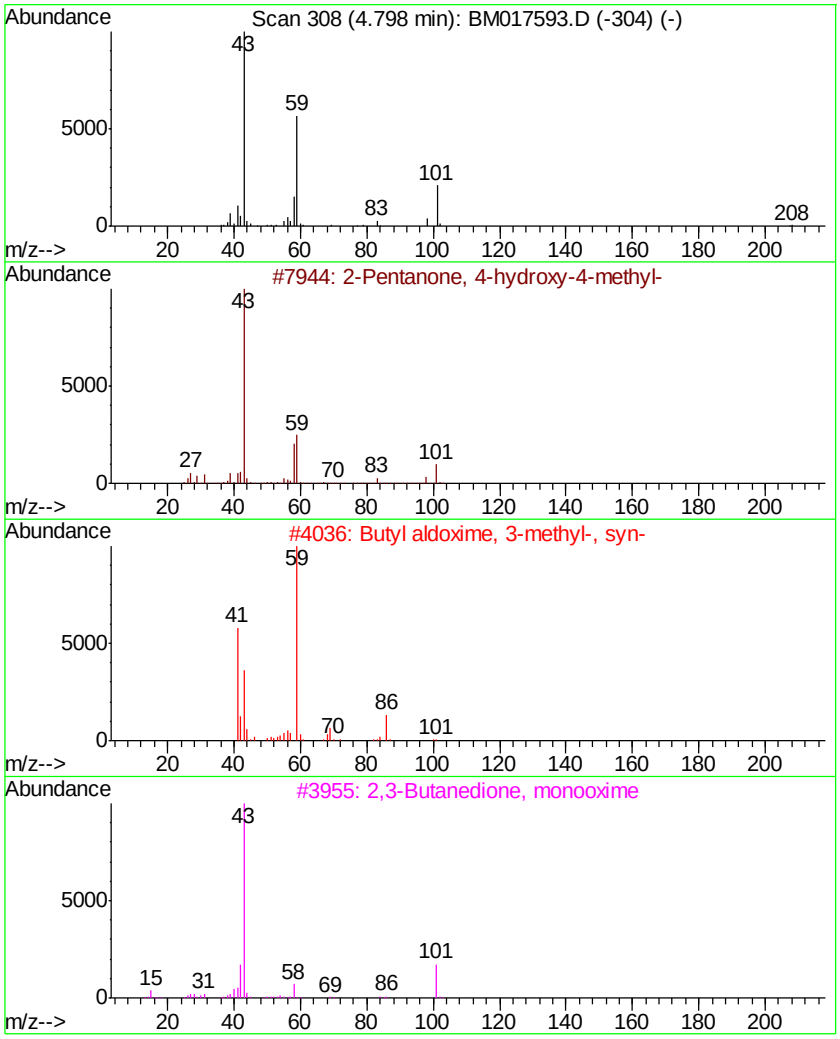
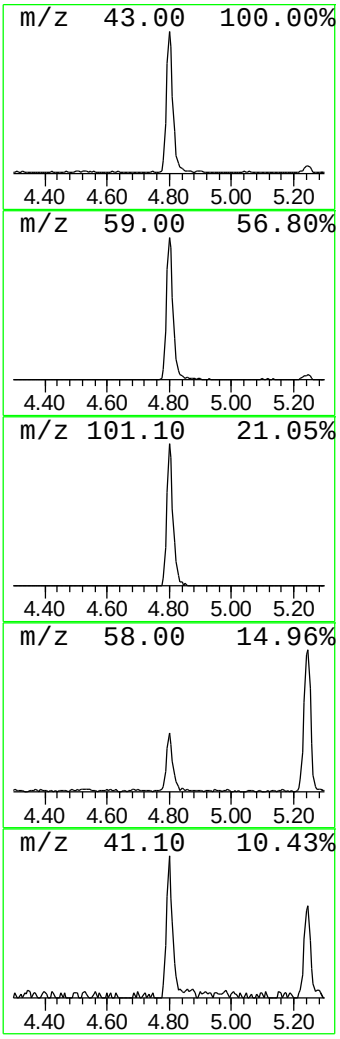
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	5.07 ng	369093	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : MJ/SJ
Sample : J5860-27
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-106(8.5-10.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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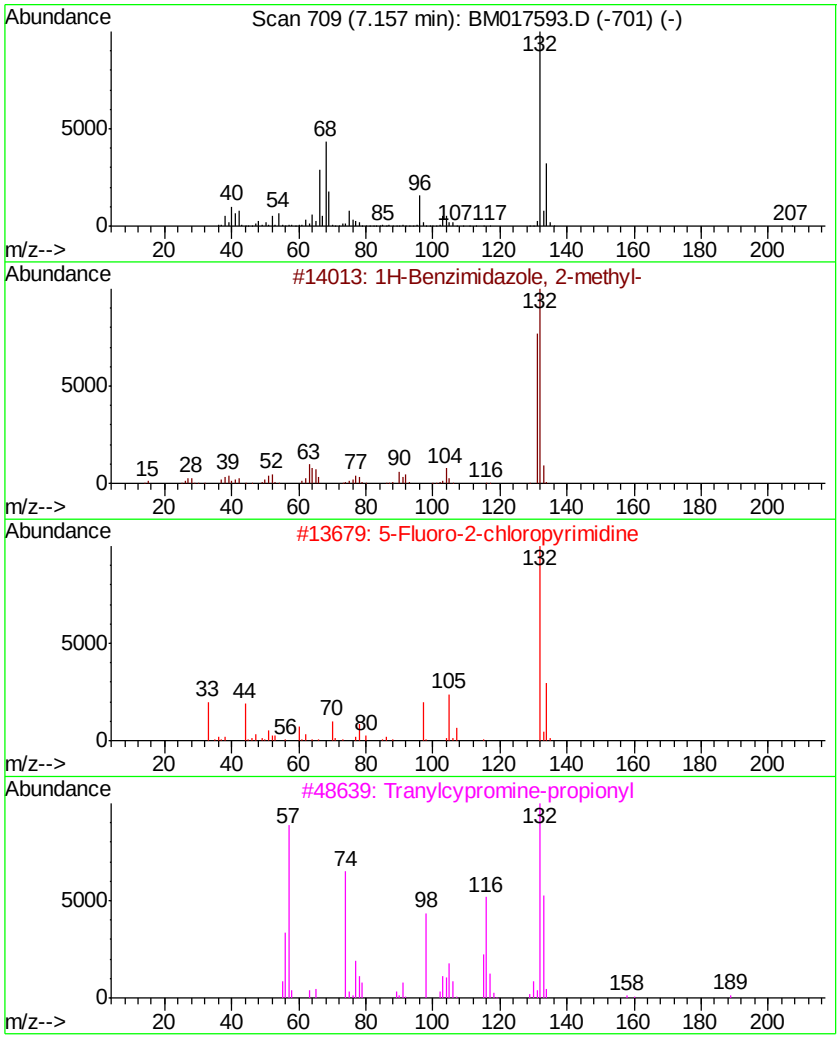
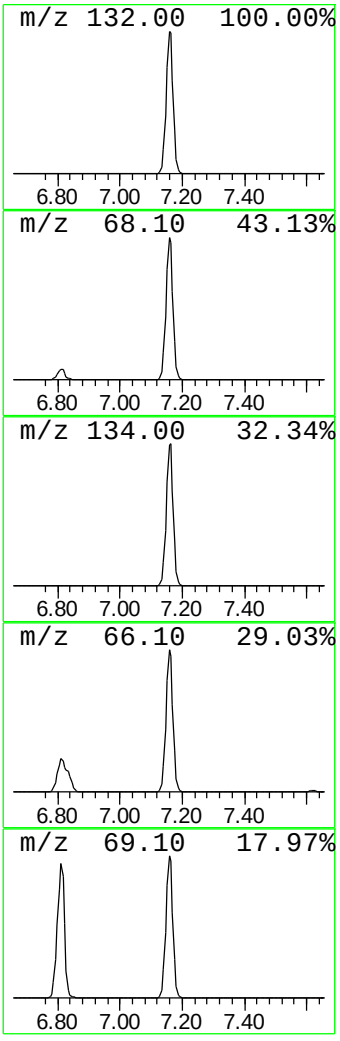
Peak Number 2 unknown7.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	132.44 ng	9642390	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Library Search Compound Report

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Operator : MJ/SJ
Sample : J5860-27
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-106(8.5-10.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
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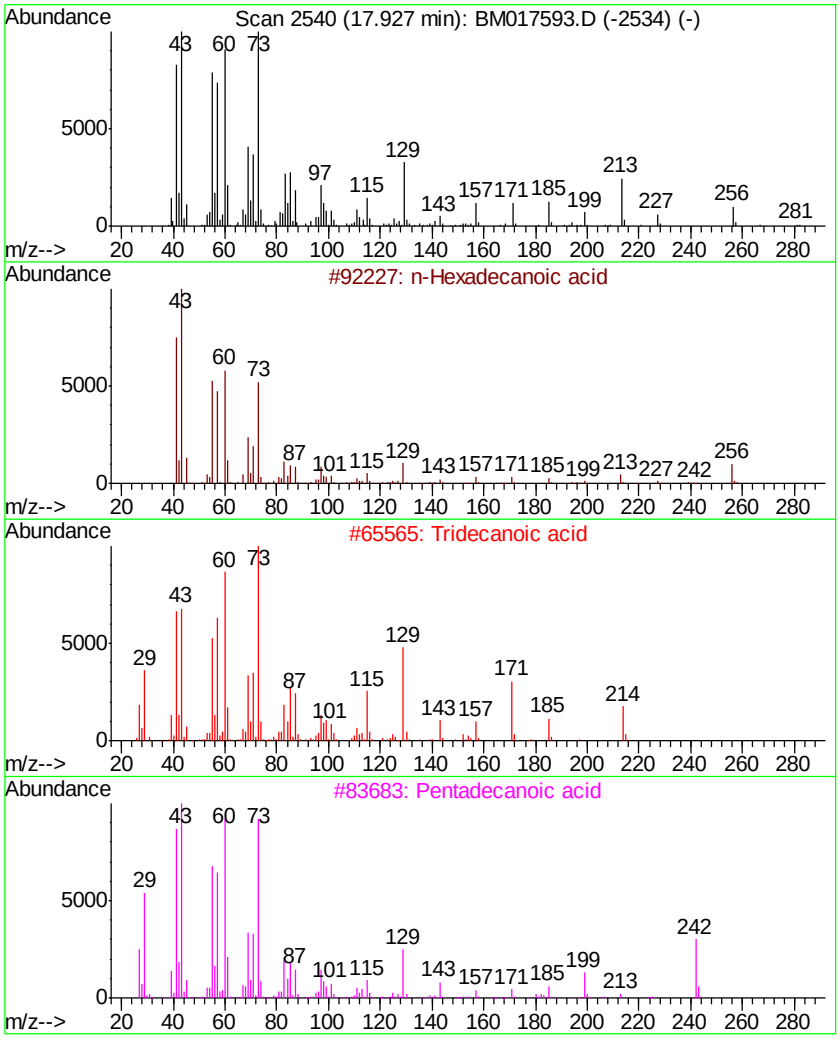
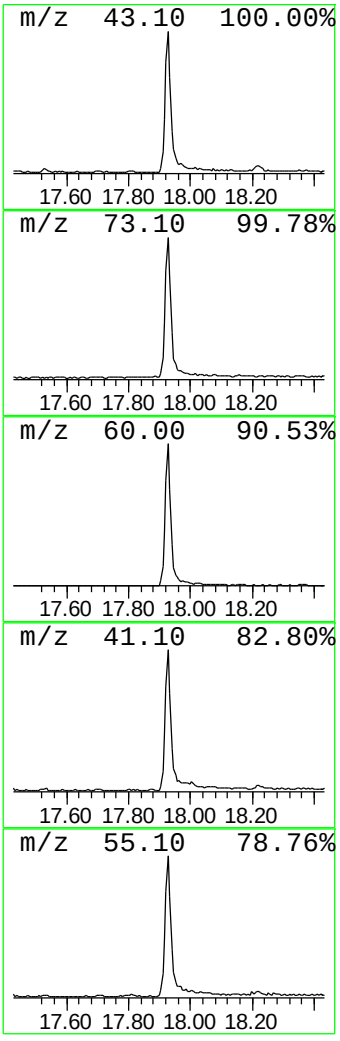
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	6.28 ng	1020480	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Data File : BM017593.D
Acq On : 09 Nov 2018 16:11
Operator : MJ/SJ
Sample : J5860-27
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EP2-SB-106(8.5-10.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
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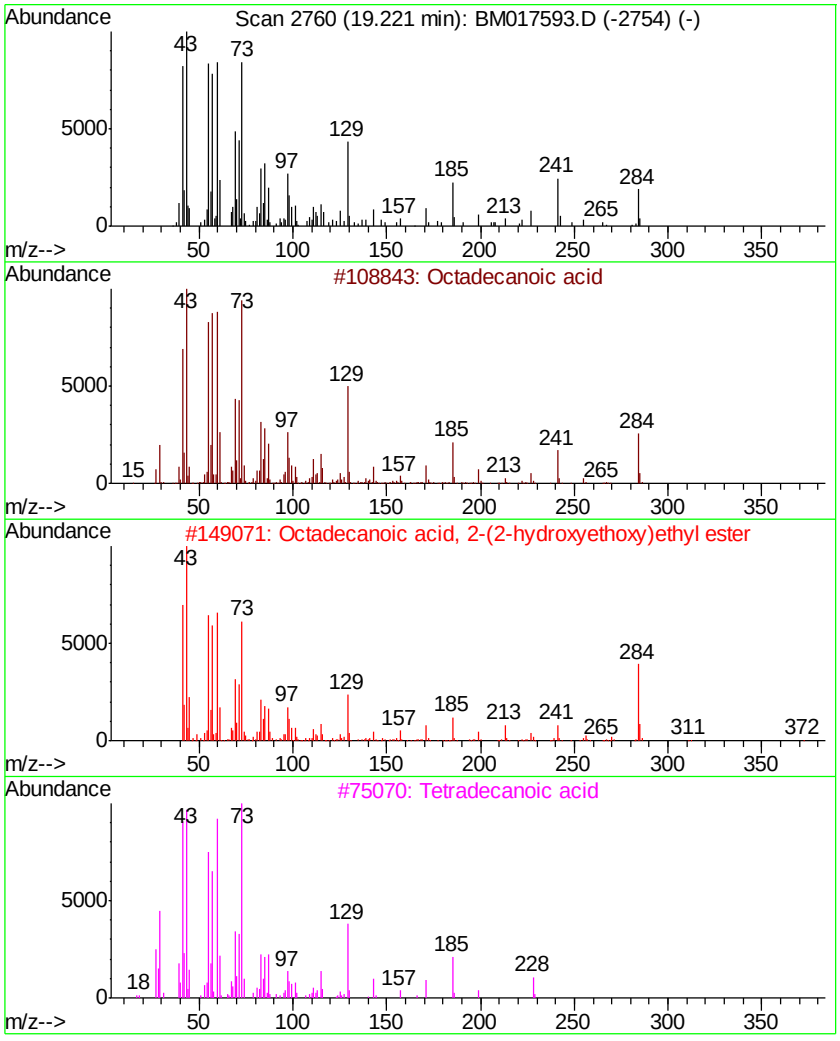
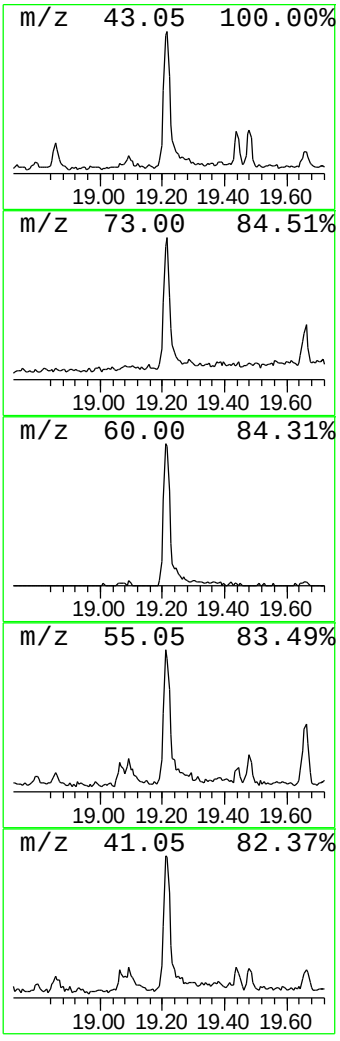
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	2.50 ng	508655	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
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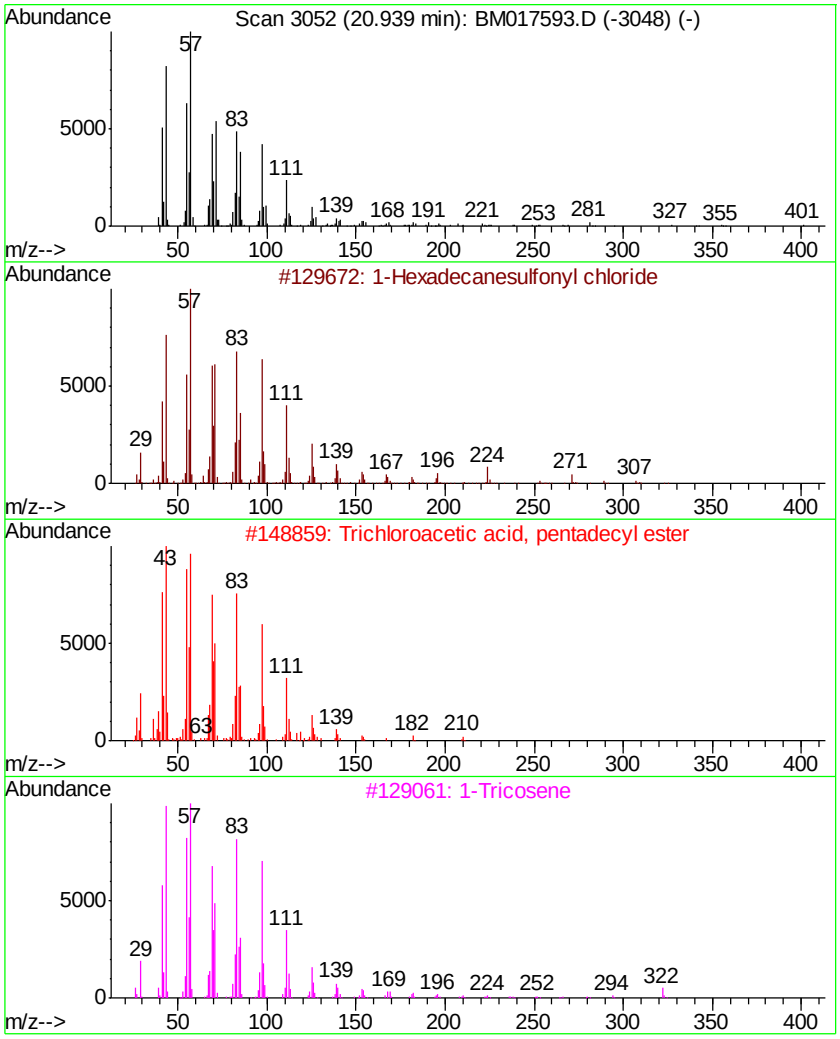
TIC Integration Parameters: LSCINT.P

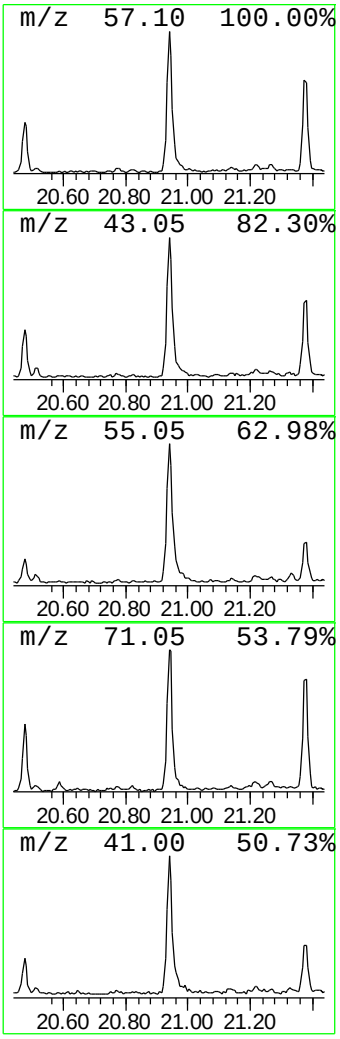
****

Peak Number 6 1-Hexadecanesulfonyl chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	3.49 ng	711396	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
3	1-Tricosene	322	C23H46	018835-32-0	81
4	1-Docosene	308	C22H44	001599-67-3	81
5	1-Nonadecene	266	C19H38	018435-45-5	76





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.80	5.1	ng	369093	1	7.62	1456120	20.0
unknown7.16	7.16	132.4	ng	9642390	1	7.62	1456120	20.0
n-Hexadecanoic acid	17.93	6.3	ng	1020480	4	17.02	3249910	20.0
Octadecanoic acid	19.22	2.5	ng	508655	5	21.22	4076270	20.0
1-Hexadecanesulfo...	20.94	3.5	ng	711396	5	21.22	4076270	20.0